



# Owners Manual

**PDG2000 PDG4000 PDG5000**



## Stereo Power Amplifier

[www.pyleaudio.com](http://www.pyleaudio.com)

# SAFETY INSTRUCTIONS



Intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be strong enough to create a risk of electric shock to a person.



Intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

**CAUTION:** To reduce the risk of electric shock, DO NOT ATTEMPT TO OPEN THE AMPLIFIER OR REMOVE THE COVER. There are not user serviceable parts inside - please use a qualified technician for all servicing.

**WARNING:** To prevent electrical shock or fire hazard, this amplifier should not be exposed to rain or moisture. Do not place objects filled with liquid, such as vases, on amplifier.

When using electrical products, caution should always be used. Please read and keep these safety instructions.

1. Do not use this apparatus near water.
2. Clean only with a dry cloth.
3. Do not block any of the ventilation openings. Install the amplifier in accordance with all manufacturer’s instructions.
4. Do not install near any heat source, such as a radiator, heat register, stove or other apparatus (including amplifiers).
5. Do not alter a polarized plug (two blades with one wider than the other) or grounding-type plug (two blades with a third prong), as they provide protection. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
6. Protect the power cord from being damaged, particularly near the plugs, convenience receptacles and the point where they connect to the amplifier.
7. Only use attachments/accessories provided by the manufacturer.
8. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the amplifier. When a cart is used, caution when moving to avoid injury from tipping over.

9. Unplug the amplifier during lightning storms or when unused for long periods of time.
10. Refer all servicing to qualified service personnel. Servicing is required when the amplifier has been damaged in any way. Some examples- when the power cord or plug is damaged, liquid has been spilled, objects have fallen into the amplifier, the amplifier has been exposed to rain or moisture, it does not operate normally, or has been dropped.
11. Never break off the ground pin and connect only to a proper power supply type, indicated on the unit. For more information, write for our free booklet "Shock Hazard and grounding".
12. If this product is to be mounted on an equipment rack, rear support should be provided.
13. Exposure to extreme high noise levels may cause permanent hearing loss. Individuals vary considerably in regards to noise-induced hearing loss, but nearly everyone will experience some damage if exposed to intense noise for an extended period of time.

The US Government' Occupational and Health Administration (OSHA) has specified the following permissible noise level exposures:

SOUND LEVEL dBA, SLOW RESPONSE	DURATION PER DAY IN HOURS
8	90
6	92
4	95
3	97
2	100
1 1 / 2	102
1	105
1 / 2	110
1 / 4 OR LESS	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Ear plugs or protectors to the ear canals must be worn when operating this amplification system, in order to prevent permanent hearing loss, if exposure is in excess of the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.

# OPERATION



**1. POWER**  
Power display

**2. LOGO**  
Logo display

**3. SENSITIVITY**  
Sensitivity display

**4. INPUT GAIN (dB)**

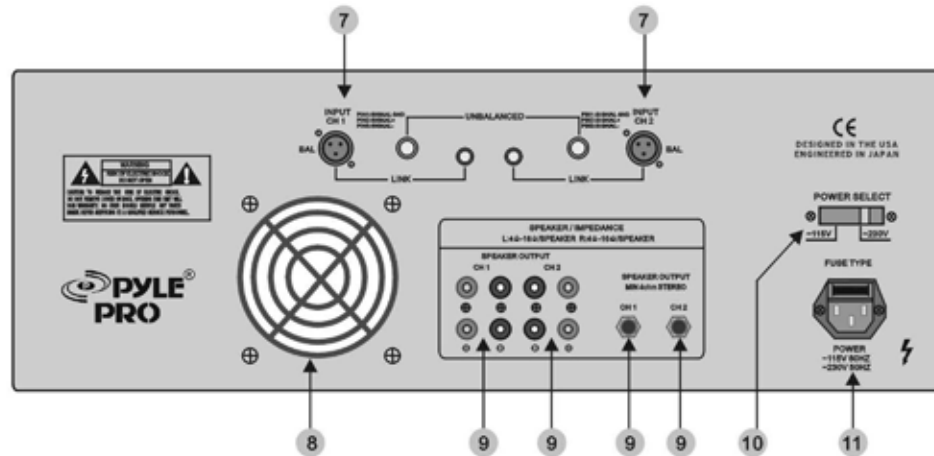
These controls are used to adjust the input gain of each channel. They determine how loud each channel of the power amplifier will sound for a given input signal level. The maximum input gain is achieved by turning the control completely clockwise - this setting yields the maximum mixer/system headroom. Turning the control back counter-clockwise will yield lower system noise at the expense of the mixer/system headroom. Turning the control fully counter-clockwise turns this setting off. It is always a good idea to power up any new installation at this setting to protect the system speakers.

**5. LEVEL INDICATOR**  
Channel 1 and channel 2 level LED indicator

**6. POWER SWITCH**

This heavy-duty, rocker-type switch turns on the power to the amplifier. When the unit is turned on, there is a three second delay, which reduces/eliminates the turn-on ransients associated with the system equipment connected to the amplifier and protects the spekaers.

# OPERATION



## 7. INPUT

RCA/XLR and 1/4" input jack connector provide balance or unbalance input mode.

## 8. COOLING FAN

2 speed DC fans supply cool air to the amplifier. The fans switch to high speed automatically when the unit requires additional cooling.

## 9. SPEAKER OUTPUT

The amplifier provides (3) four conductor speaker connectors, one for each channel and one for bridge mode.

## 10. POWER SELECT

Switch to choose 110-120V or 220-240V power supply.

## 11. POWER INPUT

This is a standard IEC power connector. An AC main cord, which has the appropriate AC plug and rating for the intended operating voltage, is included in the carton.

# FEATURES

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## Features:

Blue numerical digital sensitivity input meter

2 power output digital VU level meters

Stereo and Bridge Output

Inputs: Balanced XLR, 1/4" (6.35mm), RCA

Outputs: Speakon, banana binding post, 1/4" (6.35mm)

Cooling speed fan

LED indicator on each channel

110-220V Switchable

Dimensions: 19"w x 14.7"h x 7"d

# SPECIFICATIONS

<b>PDG2000</b>	<b>PDG4000</b>
<p>1. INPUT SPECIFICATIONS:</p> <p>Input characteristics:</p> <ul style="list-style-type: none"><li>Input impedance balance...20k ohms</li><li>Non -balance.....10k ohms</li><li>Input level..... +4dB</li></ul> <p>Power Input:</p> <ul style="list-style-type: none"><li>Input Voltage.....115/230v(AC)</li><li>Frequency.....50/60Hz</li></ul>	<p>1. INPUT SPECIFICATIONS:</p> <p>Input characteristics:</p> <ul style="list-style-type: none"><li>Input impedance balance...20k ohms</li><li>Non -balance.....10k ohms</li><li>Input level..... +4dB</li></ul> <p>Power Input:</p> <ul style="list-style-type: none"><li>Input Voltage.....115/230v(AC)</li><li>Frequency.....50/60Hz</li></ul>
<p>2. OUTPUT SPECIFICATIONS:</p> <p>Frequency response:</p> <ul style="list-style-type: none"><li>+0, -0.2 dB.....20K Hz</li></ul> <p>power (each channel):</p> <ul style="list-style-type: none"><li>8 OHM.....2 x 500Watts</li><li>4 OHM.....2 x 1000Watts</li><li>Mono .....2000Watts</li></ul> <p>1000 Watts Total Power</p>	<p>2. OUTPUT SPECIFICATIONS:</p> <p>Frequency response:</p> <ul style="list-style-type: none"><li>+0, -0.2 dB.....20K Hz</li></ul> <p>power (each channel):</p> <ul style="list-style-type: none"><li>8 OHM.....2 x 1000Watts</li><li>4 OHM.....2 x 2000Watts</li><li>Mono .....3000Watts</li></ul> <p>4000 Watts Total Power</p>

<b>PDG5000</b>
<p>1. INPUT SPECIFICATIONS:</p> <p>Input characteristics:</p> <ul style="list-style-type: none"><li>Input impedance balance...20k ohms</li><li>Non -balance.....10k ohms</li><li>Input level..... +4dB</li></ul> <p>Power Input:</p> <ul style="list-style-type: none"><li>Input Voltage.....115/230v(AC)</li><li>Frequency.....50/60Hz</li></ul>
<p>2. OUTPUT SPECIFICATIONS:</p> <p>Frequency response:</p> <ul style="list-style-type: none"><li>+0, -0.2 dB.....20K Hz</li></ul> <p>power (each channel):</p> <ul style="list-style-type: none"><li>8 OHM.....2 x 1250Watts</li><li>4 OHM.....2 x 2500Watts</li><li>Mono .....3750Watts</li></ul> <p>5000 Watts Total Power</p>



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